

corr. US 4,310,940 and US 4,898,660

WIRELESS DETECTION TYPE INDOOR AIR-CONDITIONING CONTROL DEVICE

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Abstract

PURPOSE:To enable air conditioning in each region in a room to be controlled in an optimum state, by a method wherein a detecting transmitting unit is situated in each of regions in a wide space to transmit a radio signal, the signal is received by means of a receiving output unit situated to a ceiling in a room, and the control part of an air device is actuated through a connection cord.

CONSTITUTION:Temperature humidity detecting transmitting units 11, 12, 13, and 14 are situated in four spots on a desk in an office room having a relatively wide space, and a receiving output unit 40 is situated to the back of a ceiling surface to receive radio signals from the transmitting units by means of an antenna 41 thereof. A writing cord 48 is connected to the output unit 40, and a signal therefrom is fed to a control part 60. The control part 60 controls the actuator of an air conditioner 70 mounted in each region, and air regulated in an optimum state is fed to each region through air discharge ports 51, 52, 53, and 54. However, there is no need to mount the air conditioner in each region, and only an openable damper for a blast port may be mounted in a manner to point to each region.

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